

**Table C-9. Preliminary Federal obligations for total research and development, by agency and performer:
fiscal year 2001**

[Dollars in millions]

Page 1 of 3

Agency and subdivision	Total	Intra- mural ¹	Extramural							
			United States and territories							Foreign
			Indus- trial firms	FFRDCs admin by indus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by nonprofit insti- tutions	State and local govts	
Total, all agencies	80,898.1	18,719.5	30,323.3	1,446.2	19,614.9	4,367.8	4,818.3	1,117.2	256.6	234.3
Departments:										
Department of Agriculture, total	1,979.9	1,256.7	20.5	.0	677.6	.0	18.7	.0	3.0	3.4
Agricultural Marketing Service	5.2	5.2	.0	.0	.0	.0	.0	.0	.0	.0
Agricultural Research Service	987.3	918.1	.0	.0	60.8	.0	5.2	.0	.4	2.8
Animal & Plant Hlth Inspection Svc	22.0	19.0	.0	.0	3.0	.0	.0	.0	.0	.0
Cooperative State Research, Education, & Extension Service	660.9	43.6	16.3	.0	591.3	.0	8.7	.0	.9	.0
Economic Research Service	65.9	56.8	4.0	.0	4.0	.0	1.0	.0	.0	.1
Foreign Agricultural Service	1.4	.8	.0	.0	.6	.0	.0	.0	.0	.0
Forest Service	224.0	202.3	.2	.0	17.6	.0	1.7	.0	1.7	.5
Grain Inspection Packers & Stockyards Administration	5.5	5.5	.0	.0	.0	.0	.0	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.9	3.8	.0	.0	-	.0	-	.0	.0	.0
Rural Business-Cooperative Service	3.9	1.6	.0	.0	.3	.0	2.0	.0	.0	.0
Department of Commerce, total	1,112.4	865.3	99.2	.0	112.0	.0	22.9	-	12.8	.2
Bureau of the Census .....	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
Economic Development Admin .....	.6	.1	.1	.0	.2	.0	.2	.0	.0	.0
Nat'l Inst of Standards & Tech	360.0	247.3	94.8	.0	13.9	.0	3.8	-	.0	.2
Nat'l Oceanic & Atmospheric Admin	701.2	609.8	4.3	.0	86.5	.0	.2	.0	.5	.0
National Telecommunications & Information Administration	50.4	7.9	.0	.0	11.5	.0	18.7	.0	12.3	.0
Department of Defense, total	36,333.5	8,753.5	24,125.6	195.4	2,218.9	287.5	300.4	358.6	3.6	90.0
Defense Agencies, research & development (R&D), total	9,241.8	1,779.8	5,545.6	79.5	1,439.2	188.8	96.1	88.4	.3	24.0
Ballistic Missile Defense Organization, R&D	4,204.6	728.2	3,314.5	40.2	52.6	50.5	2.6	11.2	.0	4.8
Chemical and Biological Defense, R&D ²	369.1	196.3	130.6	.0	38.1	4.0	.0	-	.0	.0
Defense Advanced Research Projects Agency, R&D	1,860.4	176.6	1,044.3	14.0	450.8	81.8	60.1	28.8	.0	4.0
Defense Information Systems Agency, R&D	176.8	51.9	103.7	.0	.8	.0	6.6	13.8	.0	.0
Defense Logistics Agency, R&D	115.6	59.7	46.8	.0	5.9	.0	1.7	1.6	.0	.0
Defense Threat Reduction Agency, R&D	341.5	92.9	214.9	5.1	5.0	17.5	.7	4.8	.0	.6
Joint Staff, R&D	92.4	92.4	.0	.0	.0	.0	.0	.0	.0	.0
Special Operations Command, R&D	245.3	87.7	156.2	.0	1.4	.0	.0	.0	.0	.0
TRICARE Management Activity, R&D ³	610.0	6.2	90.1	.0	513.6	.0	.0	.0	.0	.0
Washington Headquarters Services, R&D	1,226.2	287.9	444.5	20.2	370.9	35.1	24.5	28.2	.3	14.6
Department of the Air Force, R&D	10,730.3	1,286.7	9,056.2	29.9	111.9	41.8	33.9	157.1	3.4	9.4
Department of the Army, R&D	6,452.6	2,102.3	3,907.1	69.8	232.6	39.5	51.8	21.1	.0	28.3
Department of the Navy, R&D	9,697.7	3,508.6	5,508.6	13.6	434.2	17.3	118.5	68.6	.0	28.4
Operational Test & Evaluation, Director, R&D	189.3	69.3	93.1	2.6	1.0	.0	.0	23.4	.0	.0
Test & Evaluation, Deputy Under Secretary of Defense, R&D	21.8	6.8	15.0	-	.1	.0	.0	.0	.0	.0
Department of Defense, research	5,722.8	1,878.8	1,823.2	27.9	1,727.0	76.0	132.1	36.3	.0	21.6
Dept of Defense, development, total	30,610.7	6,874.7	22,302.4	167.5	491.9	211.5	168.3	322.3	3.6	68.4
Department of Defense, advanced technology development	4,273.4	1,171.8	2,554.2	33.9	264.5	72.9	106.6	49.7	3.4	16.4
Department of Defense, major systems development	26,337.3	5,703.0	19,748.2	133.5	227.4	138.6	61.7	272.6	.3	52.1
Department of Education	273.0	10.7	15.5	.0	173.1	.0	73.5	.0	.2	.0
Department of Energy	6,711.9	571.9	1,131.7	996.1	711.7	2,502.7	85.5	697.2	13.0	2.2

See explanatory information, if any, and SOURCE at end of table.

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Page 2 of 3

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			United States and territories							Foreign
			Indus- trial firms	FFRDCs admin by indus- trial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by nonprofit insti- tutions	State and local govts	
Dept of Health & Human Svcs, total	21,355.1	3,711.5	1,616.2	239.5	12,027.6	59.3	3,425.2	37.7	158.8	79.3
Admin for Children & Families	27.9	1.9	2.8	.0	11.2	.0	10.2	.0	1.8	-
Administration on Aging	3.7	.1	.0	.0	.0	.0	3.6	.0	.0	.0
Agency for Healthcare Research and Quality ⁴	269.8	69.4	68.5	.0	88.8	.0	43.1	.0	.0	.0
Agency for Toxic Substances Disease & Registry ⁵	15.4	2.9	.0	.0	5.5	.0	3.7	.0	3.3	.0
Centers for Disease Control & Prevention	569.9	328.1	61.9	.0	108.3	.0	63.5	.0	8.1	.0
Food & Drug Administration	151.5	117.7	8.3	.0	18.1	.0	6.8	.0	.4	.2
Health Care Financing Admin	138.3	-	80.0	.0	22.1	.0	26.2	.0	9.7	.4
Health Resources & Services Admin	51.0	9.6	.0	.0	17.9	.0	23.4	.0	.0	.0
National Institutes of Health ⁶	19,472.7	3,180.0	924.5	239.5	11,696.0	59.3	3,160.4	37.7	96.8	78.6
Office of the Secretary, total	20.2	1.8	.7	.0	9.1	.0	8.0	.0	.7	.0
Office of the Assistant Secretary, Planning & Evaluation	17.0	1.4	.7	.0	6.3	.0	8.0	.0	.7	.0
Office of Public Hlth & Science	3.2	.4	.0	.0	2.8	.0	.0	.0	.0	.0
Substance Abuse & Mental Health Services Administration ⁷	634.6	-	469.6	.0	50.8	.0	76.2	.0	38.1	.0
Dept of Housing & Urban Development	53.9	23.2	15.1	.0	1.6	.0	14.0	.0	.0	.0
Department of the Interior, total	623.7	538.4	11.0	.0	64.1	.0	1.3	.0	7.8	1.1
Bureau of Reclamation	10.2	8.1	.0	.0	1.4	.0	.4	.0	.4	.0
Geological Survey	549.5	502.9	.0	.0	39.6	.0	.0	.0	7.0	.0
Minerals Management Service	29.4	10.0	8.5	.0	9.2	.0	.6	.0	.0	1.1
National Park Service	34.7	17.4	2.5	.0	14.0	.0	.4	.0	.5	.0
Department of Justice, total	100.5	13.6	14.3	1.0	37.8	.0	23.1	.0	10.8	.0
Bureau of Prisons	7.7	3.1	.0	.0	.0	.0	.0	.0	4.6	.0
Federal Bureau of Investigation	9.2	9.2	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc .....	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0
Office of Justice Programs	83.1	.9	14.1	1.0	37.8	.0	23.1	.0	6.2	.0
Department of Labor, total	87.1	55.9	6.3	.0	13.4	.0	11.5	.0	.0	.0
Bureau of Labor Statistics	12.3	8.4	.0	.0	3.9	.0	.0	.0	.0	.0
Employment & Training Admin	63.9	44.0	.0	.0	8.7	.0	11.2	.0	.0	.0
Occupational Safety & Health Admin	5.5	2.1	3.4	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	1.2	.1	1.1	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefits Admin	3.5	1.0	1.4	.0	.8	.0	.4	.0	.0	.0
Pension Benefit Guaranty Corp .....	.7	.3	.4	.0	.0	.0	.0	.0	.0	.0
Department of State ⁸	1.6	.6	1.0	.0	.0	.0	.0	.0	.0	.0
Department of Transportation, total	609.1	190.4	309.2	7.0	57.0	12.9	22.0	4.3	5.1	1.3
Coast Guard	23.6	15.0	8.6	.0	-	.0	.0	.0	.0	.0
Federal Aviation Administration	296.7	76.9	187.4	2.6	12.9	12.5	.0	4.3	.0	.1
Federal Highway Administration	152.0	29.1	74.8	4.4	20.1	.4	18.4	.0	4.9	.0
Federal Motor Carrier Safety Administration ⁹	11.5	1.0	4.6	.0	3.8	.0	1.9	.0	.0	.2
Federal Railroad Administration	30.5	12.5	15.3	.0	2.2	.0	.0	.0	.0	.5
Federal Transit Administration	12.6	2.6	.0	.0	10.0	.0	.0	.0	.0	.0
Nat'l Highway Traffic Safety Admin	58.3	34.7	14.8	.0	8.0	.0	.3	.0	.0	.5
Office of the Secretary	12.9	12.9	.0	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Admin	11.0	5.7	3.8	.0	.0	.0	1.4	.0	.2	.0
Department of the Treasury, total	74.4	56.8	17.6	.0	-	.0	.0	.0	.0	.0
Bureau of Engraving & Printing	3.5	3.5	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service	65.6	51.3	14.3	.0	.0	.0	.0	.0	.0	.0
Office of Thrift Supervision .....	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	3.3	1.0	2.3	.0	.0	.0	.0	.0	.0	.0
United States Mint .....	.9	.1	.8	.0	-	.0	.0	.0	.0	.0
United States Secret Service9	.7	.3	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	350.2	350.2	.0	.0	.0	.0	.0	.0	.0	.0

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[Dollars in millions]

Page 3 of 3

Page 6 of 7

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			United States and territories							Foreign
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Other agencies:										
Appalachian Regional Commission7	-	.2	.0	.4	.0	.1	.0	.0	.0
Broadcasting Board of Governors ¹⁰	-	-	.0	.0	.0	.0	.0	.0	.0	.0
Environmental Protection Agency ⁵	573.8	342.1	26.8	.0	125.5	.0	61.7	.0	16.7	1.0
Federal Communications Commission	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0
International Development Cooperation										
Agency, total	226.4	27.5	15.2	.0	31.5	.0	152.2	.0	.0	.0
Agcy for International Dvlpm ¹¹	226.4	27.5	15.2	.0	31.5	.0	152.2	.0	.0	.0
Library of Congress	2.8	1.3	1.5	.0	.0	.0	.0	.0	.0	.0
National Aeronautics & Space Admin ¹²	7,220.9	1,805.2	2,743.5	.2	845.1	1,331.1	442.0	5.1	8.1	40.6
National Archives & Records Admin .....	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation	3,015.3	20.3	130.6	.0	2,504.5	167.5	163.7	5.3	10.1	13.3
Nuclear Regulatory Commission	50.0	15.5	4.0	7.0	5.1	6.7	.6	9.1	.0	1.9
Smithsonian Institution	100.0	100.0	.0	.0	.0	.0	.0	.0	.0	.0
Social Security Administration	38.5	5.5	18.6	.0	7.9	.0	.0	.0	6.5	.0

- ¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.
- ² Prior to fiscal year 2000, Chemical and Biological Defense's R&D was reported with the Washington Headquarters Services.
- ³ TRICARE Management Activity oversees the delivery of healthcare to active duty and retired members of the uniformed services and their family members and survivors.
- ⁴ The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.
- ⁵ Prior to fiscal year 2000, data reported for the Environmental Protection Agency included R&D data for the Agency for Toxic Substances and Disease Registry.
- ⁶ Beginning in the fiscal year 2000, the National Institutes of Health classified all of its development activities as research.
- ⁷ Data for fiscal years 2000-2002 from the Substance Abuse & Mental Health Services Administration (SAMHSA) are estimates based on SAMHSA's obligations by program activity budget and previously reported funding for development.
- ⁸ Effective April 1, 1999, all functions and authorities of the United States Arms Control & Disarmament Agency were transferred to the Department of State.
- ⁹ The Federal Motor Carrier Safety Administration, formerly a part of the Federal Highway Administration, was established within the Department of Transportation on January 1, 2000, as stated in the Motor Carrier Safety Improvement Act of 1999 (Public Law No. 106-159, 113 Stat. 1748 (December 9, 1999)).
- ¹⁰ The Broadcasting Board of Governors became an independent Federal entity on October 1, 1999, as mandated by the Foreign Affairs Reform and Restructuring Act (Public Law 105-277) signed by the President on October 21, 1998.
- ¹¹ Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 2000-2002) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-96). More accurate data for AID will be reported in future volumes of this survey.
- ¹² Beginning in fiscal year 2000, the National Aeronautics & Space Administration reclassified Space Station as a physical asset and Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant.

KEY: - = Amount less than 50 thousand dollars
FFRDCs = Federally funded research and development centers

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies and sub-divisions that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For notes associated with the agencies listed in this table, refer to appendix B.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002